

Liquid crystal display device.

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Abstract

A liquid crystal display device comprising an insulating substrate, a plurality of transparent electrodes disposed on the insulating substrate in a matrix fashion to form a plurality of pixels, at least two thin film transistors (2, 3) disposed in the vicinity of each of the transparent electrodes (1) on the insulating substrate, each the thin film transistor having a drain electrode (4, 5), a source electrode (6, 7) and a gate electrode (8, 9), in which the drain electrode is connected to the transparent electrode, a gate electrode line (G1, Gm) for each line or column of the transparent electrodes disposed on the insulating substrate in the vicinity thereof, each the gate electrode of the thin film transistors connected to each of the transparent electrodes of the line or column being connected in common thereto, and source electrode lines (S1, Snt1) for each column or line of the transparent electrodes disposed on the insulating substrate in the vicinity thereof and at a right angle to the gate electrode line, the number of the source electrode lines being equal to the number of the thin film transistors connected to one transparent electrode, in each the source electrode of the thin film transistors connected to each the transparent electrode of the column or line being connected respectively thereto in a manner capable of connection to an exterior circuit.

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